

2016

DRIVE YOUR COUNTY TO THE
TOP TEN

INFORMING • CONNECTING • ACCELERATING

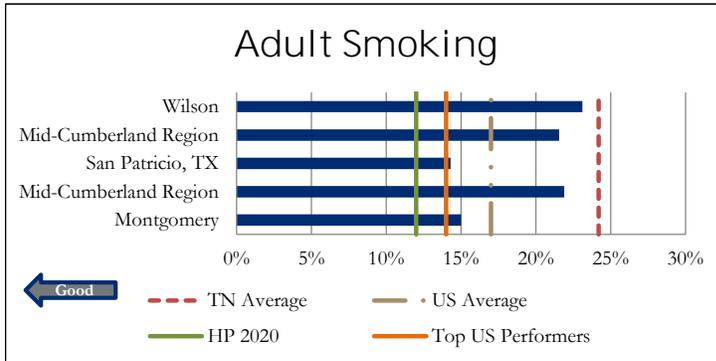
Montgomery County

TN

Department of
Health

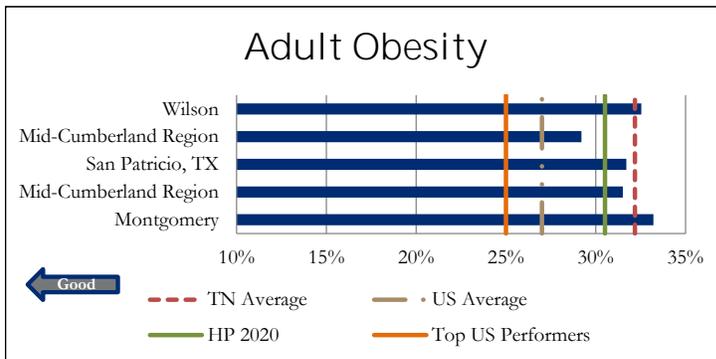
Demographics

Population:	189,961	<18 YOA:	27.21%	65+ YOA:	8.58%	% Rural:	19.70%
Unemployment:	6.73%	% Females:	50.10%	% Males:	49.90%	Graduation Rate:	94.00%
Single parent households:	35.43%	MHI:	\$50,935				



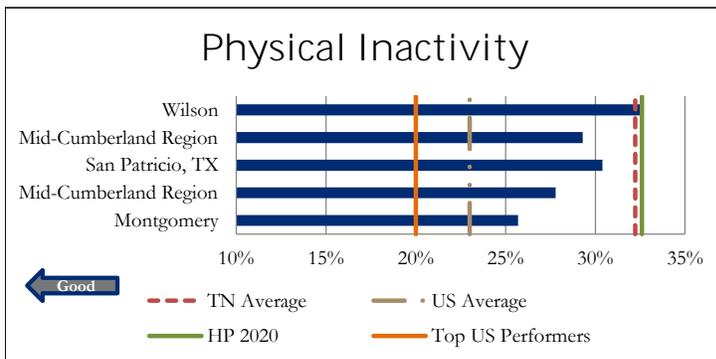
Top Third

Measure	Value
Injury Deaths	62.05
Physical Inactivity	29.30%
Some College	67.09%
Children in Poverty	17.30%
Premature Death	7222.90
Poor Mental Health Days	4.40
Income Inequality	3.85
Adult Obesity	29.20%
Poor Physical Health Days	4.40
Uninsured	14.07%



Middle Third

Measure	Value
Poor or Fair Health	21.50%
Preventable Hospital Stays	67.95
Adult Smoking	23.10%
Primary Care Physicians	2245:1
Alcohol-Impaired Driving Deaths	28.45%
Driving Alone to Work	84.75%
Access to Exercise Opportunities	50.83%
Severe Housing Problems	14.37%



Bottom Third

Measure	Value
Sexually Transmitted Infections	904.22
Excessive Drinking	13.70%
Diabetic Monitoring	80.90%
Air Pollution - Particulate Matter	14.58
Food Environment Index	6.20
Violent Crime	549.50
Social Associations	7.50
Mammography Screening	53.00%
Children in Single-Parent Households	35.43%



Tennessee's Big 3 + 1

Why were these charts selected? The "Big 3 + 1" directly influences at least six of the top ten leading causes of death in Tennessee, and also directly influence other public health threats, such as heart disease, cancer, and diabetes. Overall, the Big Three plus One influences two-thirds of the factors that contribute to Tennessee's overall rank.

Comparative Counties:

Each graph provides the Tennessee county with its respective region and three non-Tennessee comparative counties from around the US based on county-level demographics. The vertical lines represent: the TN Average, the US Average, Top US Performers (top 10%) and the Healthy People 2020 (HP) Goal. For all measures a decrease (shift left) in percentage represents improvement.

YOA: Years of Age. MHI: Median Household Income. HP 2020: Healthy People 2020 Goal. Adult Smoking: Percentage of adults who are current smokers. Source: Behavioral Risk Factor Surveillance System; 2006-2012. Adult Obesity: Percentage of adults that report a BMI of 30 or more. Source: CDC Diabetes Interactive Atlas; 2011. Physical Inactivity: Percentage of adults aged 20 and over reporting no leisure-time physical activity. Source: CDC Diabetes Interactive Atlas; 2011. Prepared by the Division of Administrative Services, Tennessee Department of Health. Nashville, TN. admin.health@tn.gov or 615-741-5001.

Health Outcomes	Length of Life	Health Outcomes								
		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
Health Outcomes	Premature Death <small>Years of potential life lost before age 75 per 100,000 population (age-adjusted)</small>	6	Fayette	7222.90	7190.80	32.10	↑Bad ↓Good	6,600.00	Johnson, TX	7534.00
		For every 100 people in the county, 1 people in the county need to live one year closer to age 75.							Hardin, KY	7365.30
		Source		National Center for Health Statistics - Mortality files			Year(s)		2011-2013	San Patricio, TX
	Poor or Fair Health* <small>Percentage of adults reporting fair or poor health (age-adjusted)</small>	32	Rutherford	21.50%	19.60%	1.90%	↑Bad ↓Good	18.00%	Johnson, TX	14.70%
		Improve the health of 2 out of every 100 people in the county who, in general, report being in poor or fair health.							Hardin, KY	19.90%
		Source		Behavioral Risk Factor Surveillance System			Year(s)		2014	San Patricio, TX
	Poor Physical Health Days* <small>Average number of physically unhealthy days reported in past 30 days (age-adjusted)</small>	8	Knox	4.40	4.30	0.10	↑Bad ↓Good	3.8	Johnson, TX	3.20
		Engage people in the county on ways to reduce number of poor physical health days reported by residents by 1 days per month.							Hardin, KY	4.50
		Source		Behavioral Risk Factor Surveillance System			Year(s)		2014	San Patricio, TX
	Poor Mental Health Days* <small>Average number of mentally unhealthy days reported in past 30 days (age-adjusted)</small>	6	Williamson	4.40	3.80	0.60	↑Bad ↓Good	2.8	Johnson, TX	3.00
		Engage people in the county on ways to reduce number of poor physical health days reported by residents by 1 days per month.							Hardin, KY	4.00
		Source		Behavioral Risk Factor Surveillance System			Year(s)		2014	San Patricio, TX
Low Birthweight <small>Percentage of live births with low birthweight (< 2500 grams)</small>	15	Pickett	7.68%	7.24%	0.43%	↑Bad ↓Good	8.00%	Johnson, TX	7.55%	
	Reduce the number of low birth weight babies by 1 for every 100 live births.							Hardin, KY	7.31%	
	Source		National Center for Health Statistics - Natality files			Year(s)		2007-2013	San Patricio, TX	8.89%
Health Factors	Adult Smoking* <small>Percentage of adults who are current smokers</small>	41	Humphreys	23.10%	21.10%	2.00%	↑Bad ↓Good	17.00%	Johnson, TX	15.00%
		Get 9 out of every 100 current adult smokers in the county to quit smoking.							Hardin, KY	21.90%
		Source		Behavioral Risk Factor Surveillance System			Year(s)		2014	San Patricio, TX
	Adult Obesity <small>Percentage of adults that report a BMI of 30 or more</small>	7	Knox	29.20%	28.70%	0.50%	↑Bad ↓Good	27.00%	Johnson, TX	33.20%
		Get 2 out of every 100 current obese adults in the county to reduce their BMI below 30.							Hardin, KY	31.50%
		Source		CDC Diabetes Interactive Atlas			Year(s)		2012	San Patricio, TX
	Food Environment Index <small>Index of factors that contribute to a healthy food environment, 0 (worst) to 10 (best)</small>	84	Cannon	6.20	7.9	1.7	↑Good ↓Bad	7.20	Johnson, TX	6.80
		Increase the county's food index score by 1.7.							Hardin, KY	6.80
		Source		USDA Food Environment Atlas, Map the Meal Gap			Year(s)		2013	San Patricio, TX

Prepared by the Division of Administrative Services, Tennessee Department of Health, Nashville, TN. May 2016. admin.health@tn.gov or 615-741-9398. The full report can be accessed at: <http://tn.gov/health/topic/specialreports>. All data is from the University of Wisconsin Population Health Institute and Robert Wood Johnson Foundation's, 2015 *County Health Rankings and Roadmaps* report. Difference statements represent the absolute value using the following formula: ["Value" - "10th Ranked Value"]. *The action statements are based on the assumption that no new additional cases occur. **Data should not be compared with prior years due to changes in definition/methods. **All rankings and action statements presented in this report must be interpreted with caution due to various limitations of each measurement. Further information with regards to the strengths and limitations of each measurement may be found by clicking the hyperlink found in the description of each measurement.**

Health Factors		Health Behaviors		Physical Inactivity							Peer County		Peer Value	
				Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Percentage of adults aged 20 and over reporting no leisure-time physical activity		4	Williamson	29.30%	23.30%	6.00%	↑Bad ↓Good	23.00%	Johnson, TX	25.70%				
		Get 21 out of every 100 currently physically inactive adults to exercise during leisure time.							Hardin, KY	27.80%				
		Source		CDC Diabetes Interactive Atlas				Year(s)		2012	San Patricio, TX	30.40%		
		Access to Exercise Opportunities		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Percentage of population with adequate access to locations for physical activity		48	Loudon	50.83%	78.48%	27.65%	↑Good ↓Bad	84.00%	Johnson, TX	70.48%				
		Consider how to remove barriers to access exercise locations to reach an additional 27.65 percent of the county's population.							Hardin, KY	73.15%				
		Source		Business Analyst, Delorme, ESRI, & US Census Tigerline Files				Year(s)		2010 & 2014	San Patricio, TX	69.05%		
		Excessive Drinking		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Percentage of adults reporting binge or heavy drinking		93	Benton	13.70%	10.60%	3.10%	↑Bad ↓Good	17.00%	Johnson, TX	19.00%				
		Get 23 out of every 100 adults in the county that currently drink to excess (binge and heavy drinkers) to stop drinking more than one (women) or two (men) drinks per day on average.							Hardin, KY	13.10%				
		Source		Behavioral Risk Factor Surveillance System				Year(s)		2014	San Patricio, TX	17.10%		
		Alcohol-Impaired Driving Deaths		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Percentage of driving deaths with alcohol involvement		45	Sullivan	28.45%	19.17%	9.28%	↑Bad ↓Good	31.00%	Johnson, TX	23.81%				
		Reduce the number of alcohol related driving deaths by 9.28 percent.							Hardin, KY	21.18%				
		Source		Fatality Analysis Reporting System				Year(s)		2010-2014	San Patricio, TX	27.59%		
		Sexually Transmitted Infections		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Number of newly diagnosed chlamydia cases per 100,000 population		95	Overton	904.22	153.22	751.00	↑Bad ↓Good	446.60	Johnson, TX	323.90				
		Consider ways to educate 9 out of every 10 persons self-reporting to be involved in any sexual contact to commit to using safe sex practices to prevent the infection of Chlamydia.							Hardin, KY	490.54				
		Source		National Center for HIV/AIDS, Viral Hepatitis, STD, & TB Prevention				Year(s)		2013	San Patricio, TX	454.27		
		Teen Births		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Teen birth rate per 1,000 female population, ages 15-19		26	Putnam	42.60	34.87	7.72	↑Bad ↓Good	35.00	Johnson, TX	51.08				
		For every 100 teenage females (ages 15 to 19 years) in the county, consider ways to prevent 19 teen(s) from becoming pregnant.							Hardin, KY	48.45				
		Source		National Center for Health Statistics - Natality files				Year(s)		2007-2013	San Patricio, TX	65.76		
		Uninsured		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Percentage of population under age 65 without health insurance		9	Tipton	14.07%	13.87%	0.20%	↑Bad ↓Good	17.00%	Johnson, TX	24.23%				
		Get 2 out of every 100 currently uninsured adults ages 18-64 to obtain health insurance.							Hardin, KY	14.86%				
		Source		Small Area Health Insurance Estimates				Year(s)		2013	San Patricio, TX	21.80%		
		Primary Care Physicians		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Ratio of population to primary care physicians		42	Coffee	2245:1	1368:1	877	↑Bad ↓Good	1320:1	Johnson, TX	2063:1				
		To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 35 primary care providers would need to be recruited to the county. More importantly, if the county's value is greater than 3,500, this county would be considered a Health Professional Shortage Area.							Hardin, KY	1546:1				
		Source		Area Health Resource File/American Medical Association				Year(s)		2013	San Patricio, TX	3674:1		
		Dentists		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Ratio of population to dentists		24	Dickson	2345:1	1744:1	601	↑Bad ↓Good	1540:1	Johnson, TX	2863:1				
		To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 18 dental care providers would need to be recruited to the county. More importantly, if the county's value is greater than 5,000, this county would be considered a Health Professional Shortage Area.							Hardin, KY	1140:1				
		Source		Area Health Resource File/National Provider Identification file				Year(s)		2014	San Patricio, TX	2788:1		

Health Factors	Clinical Care	Mental Health Providers		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		Ratio of population to mental health providers		11	Henry	660:1	644:1	16	↑Bad ↓Good	490:1	Johnson, TX	1514:1
		To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 5 mental health providers would need to be recruited to the county. More importantly, if the county's value is greater than 30,000, this county would be considered a Health Professional Shortage Area.										
		Source	CMS, National Provider Identification file			Year(s)	2015		San Patricio, TX	2159:1		
		Preventable Hospital Stays		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
Number of hospital stays for ambulatory-care sensitive conditions per 1,000 Medicare enrollees		34	Anderson	67.95	50.27	17.68	↑Bad ↓Good	54.00	Johnson, TX	76.67		
		For every 100 Medicare enrollees, prevent 1 Medicare enrollees from being hospitalized for ambulatory-care sensitive conditions.										
		Source	Dartmouth Atlas of Health Care			Year(s)	2013		San Patricio, TX	68.42		
		Diabetic Monitoring		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
Percentage of diabetic Medicare enrollees ages 65-75 that receive HbA1c monitoring		90	Giles	80.90%	89.20%	8.30%	↑Good ↓Bad	63.00%	Johnson, TX	83.58%		
		For every 100 diabetic Medicare enrollees, get 9 additional Medicare enrollees to receive HbA1c screening.										
		Source	Dartmouth Atlas of Health Care			Year(s)	2013		San Patricio, TX	81.45%		
		Mammography Screening		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
Percentage of female Medicare enrollees ages 65-69 that receive mammography screening		78	Cumberland	53.00%	71.00%	18.00%	↑Good ↓Bad	63.00%	Johnson, TX	57.00%		
		For every 100 female Medicare enrollees, get 18 additional Medicare enrollees to receive their mammography screening.										
		Source	Dartmouth Atlas of Health Care			Year(s)	2013		San Patricio, TX	56.00%		
		High School Graduation		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
Percentage of ninth-grade cohort that graduates in four years		14	Tipton	94.00%	98.00%	4.00%	↑Good ↓Bad	82.00%	Johnson, TX	91.66%		
		For every 100 ninth graders, assist 4 additional ninth graders to graduate within four years.										
		Source	EDFacts			Year(s)	2012-2013		San Patricio, TX	91.21%		
		Some College		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
Percentage of adults ages 25-44 years with some post-secondary education		4	Williamson	67.09%	82.51%	15.41%	↑Good ↓Bad	64.00%	Johnson, TX	51.60%		
		For every 100 adults between 25-44 years of age, assist 16 additional adults to complete some coursework at the collegiate level.										
		Source	American Community Survey			Year(s)	2010-2014		San Patricio, TX	54.15%		
		Unemployment		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
Percentage of population ages 16 and older unemployed but seeking work		27	Robertson	6.73%	5.69%	1.04%	↑Bad ↓Good	6.20%	Johnson, TX	4.98%		
		For every 100 persons ages 16 years and older, help 2 persons successfully find employment.										
		Source	Bureau of Labor Statistics			Year(s)	2014		San Patricio, TX	6.18%		
		Children in Poverty		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
Percentage of children under age 18 in poverty		5	Williamson	17.30%	6.00%	11.30%	↑Bad ↓Good	22.00%	Johnson, TX	19.00%		
		For every 100 children (under 18 years) in poverty, help 66 children to find assistance to get out of poverty.										
		Source	Small Area Income and Poverty Estimates			Year(s)	2014		San Patricio, TX	23.60%		
		Income Inequality		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
Ratio of household income at the 80th percentile to income at the 20th percentile		6	Rutherford	3.85	3.82	0.03	↑Bad ↓Good	4.70	Johnson, TX	3.80		
		To reach a household income ratio at or below that of the 5th ranking county reduce the gap between the 80th percentile and 20th percentile by 1 household(s).										
		Source	American Community Survey			Year(s)	2010-2014		San Patricio, TX	4.53		

Health Factors	Social & Economic Factors	Children in Single-Parent Households								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		76	Lawrence	35.43%	23.36%	12.07%	↑Bad ↓Good	34.00%	Johnson, TX	28.31%
		For every 100 single parent households in the county, investigate ways to encourage 35 households to be a multi-parent household.							Hardin, KY	35.34%
		Source		American Community Survey		Year(s)		2010-2014	San Patricio, TX	34.75%
		Percentage of children that live in a household headed by single parent								
Health Factors	Social & Economic Factors	Social Associations								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		80	Johnson	7.50	16.13	8.64	↑Good ↓Bad	9.00	Johnson, TX	8.34
		For every 100 people in the county, increase the number of membership associations by 1.							Hardin, KY	10.35
		Source		County Business Patterns		Year(s)		2013	San Patricio, TX	10.89
		Number of membership associations per 10,000 population								
Health Factors	Social & Economic Factors	Violent Crime								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		81	Carter	549.50	206.33	343.17	↑Bad ↓Good	392.00	Johnson, TX	241.70
		For every 100 persons in the county, prevent 63 people from committing a violent crime.							Hardin, KY	159.29
		Source		Uniform Crime Reporting - FBI		Year(s)		2010-2012	San Patricio, TX	324.41
		Number of reported violent crime offenses per 100,000 population								
Health Factors	Social & Economic Factors	Injury Deaths								
		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		3	Williamson	62.05	43.01	19.03	↑Bad ↓Good	60.00	Johnson, TX	60.60
		For every 1,000 population consider ways to prevent 307 deaths as a result of intentional and unintentional injury.							Hardin, KY	63.84
		Source		CDC WONDER mortality data		Year(s)		2009-2013	San Patricio, TX	63.91
		Number of deaths due to injury per 100,000 population								
Health Factors	Social & Economic Factors	Air Pollution - Particulate Matter								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		89	Greene	14.58	13.14	1.44	↑Bad ↓Good	11.40	Johnson, TX	9.62
		Reduce the average daily measure of fine particulate matter by 1.44 micrograms per cubic meter (PM2.5).							Hardin, KY	13.61
		Source		CDC WONDER Environmental data		Year(s)		2011	San Patricio, TX	8.58
		Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)								
Health Factors	Physical Environment	Drinking Water Violations								
		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		No Rank	NA	No	No	NA	NA	NA	Johnson, TX	Yes
		There were no health-based drinking water violations.							Hardin, KY	No
		Source		Safe Drinking Water Information System		Year(s)		FY2013-14	San Patricio, TX	Yes
		Percentage of population potentially exposed to water exceeding a violation limit during the past year								
Health Factors	Physical Environment	Severe Housing Problems								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		56	Unicoi	14.37%	11.70%	2.67%	↑Bad ↓Good	19.00%	Johnson, TX	13.70%
		For every 100 persons in the county experiencing housing problems, help 19 person(s) to find housing assistance.							Hardin, KY	11.49%
		Source		Comprehensive Housing Affordability Strategy (CHAS) data		Year(s)		2008-2012	San Patricio, TX	16.89%
		Percentage of households with at least 1 of 4 housing problems: overcrowding, high housing costs, or lack of kitchen or plumbing facilities								
Health Factors	Physical Environment	Driving Alone to Work								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		46	Grundy	84.75%	80.27%	4.48%	↑Bad ↓Good	76.00%	Johnson, TX	84.53%
		For every 100 persons that currently drive alone to work, convince 6 to carpool or take mass-transportation.							Hardin, KY	80.47%
		Source		American Community Survey		Year(s)		2010-2014	San Patricio, TX	83.06%
		Percentage of the workforce that drives alone to work								
Health Factors	Physical Environment	Long Commute - Driving Alone								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		25	Hamilton	29.70%	25.20%	4.50%	↑Bad ↓Good	31.00%	Johnson, TX	48.70%
		For every 100 persons that currently drive more than 30 minutes alone to work, convince 16 to carpool or take mass-transportation.							Hardin, KY	25.70%
		Source		American Community Survey		Year(s)		2010-2014	San Patricio, TX	34.40%
		Among workers who commute in their car alone, the percentage that commute more than 30 minutes								